

Amendments to the Claims

Please cancel withdrawn claims 1-6 and 10-37 without prejudice, amend claims 7-8 as set forth below, and add new claims 38-45 as follows. This listing of claims will replace all prior versions and listings of claims in the present application.

1-6 (canceled)

7. (currently amended) An isolated protein or polypeptide ~~encoded by the nucleic acid molecule according to claim 1~~ selected from the group consisting of (i) a protein or polypeptide comprising an amino acid sequence of SEQ ID NO: 7 or SEQ ID NO: 66, and (ii) a protein or polypeptide encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 37°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

8. (currently amended) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide comprises an amino acid sequence of ~~SEQ. ID. No. 3, SEQ. ID. No. 5, SEQ. ID. No. 7, SEQ. ID. No. 9, SEQ. ID. No. 11, SEQ. ID. No. 13, SEQ. ID. No. 15, SEQ. ID. No. 17, SEQ. ID. No. 20, SEQ. ID. No. 22, SEQ. ID. No. 24, SEQ. ID. No. 26, SEQ. ID. No. 28, SEQ. ID. No. 30, SEQ. ID. No. 32, SEQ. ID. No. 34, SEQ. ID. No. 36, SEQ. ID. No. 38, SEQ. ID. No. 40, SEQ. ID. No. 42, SEQ. ID. No. 44, SEQ. ID. No. 46, SEQ. ID. No. 48, SEQ. ID. No. 50, SEQ. ID. No. 52, SEQ. ID. No. 54, SEQ. ID. No. 56, SEQ. ID. No. 58, SEQ. ID. No. 60, SEQ. ID. No. 62, SEQ. ID. No. 64, or SEQ. ID. No. 66~~ SEQ ID NO: 7 or SEQ ID NO: 66.

9. (original) A composition comprising:
a carrier and
a protein or polypeptide according to claim 7.

10-37 (canceled)

38. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is a recombinant protein or polypeptide.

39. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is at least about 80% pure.

40. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is at least about 90% pure.

41. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 37°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

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42. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 42°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

43. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of about 65°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

44. (new) The composition according to claim 9, wherein the protein or polypeptide comprises an amino acid sequence of SEQ ID NO: 7 or SEQ ID NO: 66.

45. (new) The composition according to claim 9, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 37°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.